Art Unit: 2600

CLMPTO 09/24/04 JW

Cancel Claims 46,57,63,64,

Add New Claims 65-77

BEST AVAILABLE COPY

1, (ජාගන්නේ)

2. (Proviously Possented) A method for resolving a first packet from a source unterest node comprising the stope of:

generating a data rate control of good based on the nightal quality of a received nightal transmitted by a course network noth;

स्थाधील्ड स्टांई व्हांक उच्छा स्थापको संदुक्ताओं कि विक क्षणान्य प्रसायकों स्थापीक

receiving a first signal having a date rate based on suid date rate contint signal from the sauces naturally node, comprising checoting a pre-united from the first signal indicating that do first signal contains a packet of data sidmented to the destination meteoric node;

managing the signal quality of and first signal to force a first signal quality matric; and conding a first faceback signal based on said first signal quality metric.

 Proviously Presented: A method for receiving a first pathot from a source network node composing the steps of:

generating a data case control eignth based on the signal quality of a most-ved signal transmitted by a source network code;

parting and during all larges fortune due made have gardener

receiving a first eignal having a data rate based on said data rate control eignal from the source acheroth upda, comprising actuating the first eignal from a that time alot of a predefermined number of time alot, wherein the predefermined number of time alot, wherein the predefermined number of time alot, as the control of the predefermined number of time alot, as the control of the predefermined number of time alot, as the control of the predefermined number of time alot, as the control of the predefermined number of time alot, as the control of the predefermined number of time alot, as the control of the predefermined number of time alot, as the control of time along time along time.

constraints the signal quality of said little signal to form a first signal quality meetin; and saiding a first feedback signal based on said first signal quality meetie.

 (Original) The mathod of older 3 wherein said risp of receiving the first signal further comprises determining the predetermined number of time slow based on previous data cate control signals transcented.

Art Unit: 2600

 (Proviously Presented) A method for receiving a first packet from a suppose rebrook node comprising the (tops of:

generating a data rate control signal based on the signal quality of a received eignal transmitted by a source network node:

establing said data rate control algorit to the source notwork needs;

receiving a first eigenal having a data sate passed on said data rate countril signal from the screen natural cools, wherein the first signal is received within a first time stot baring a predatermined slat character;

enconstating end first right into a first set of accumulated period complex emodulated with the pecials;

monauding the eignal quality of said first eignal to form a first eignal quality meetic, and specifing a first feedback eighal footed on said first signal quality meetic.

- 6. (Critical) The method of claim 5 wherein said step of measuring the signal quality of said first eight (torber comprises emergeing to choose the pucket from said first sai of securateleted pecket samples, and wherein said first signal quality metho is based on the results of said step of strempting to decode.
- 7. (Original) The controd of claim 6 wherein said first signal quality matrix indicates that the product was auccomfully 6000ded in said step of attempting to decode, and wherein said find fredbook eigent is a Brop-Report signal.
- (Original) The medical of olding 6 wherein reid first signal quality metric indicates that the
 peaket was not accommutely decoded in said step of sitempting to decode, and wherein add first
 footbook signal is a Communication signal.
- 9. (Original) The method of alaim 5 wherein the Einst algorid is acceled within a first time alot having a predefermined that duration, the method further committing the steps of:

special samples are aligned to a first set of occumulated project samples associated with the packet;

mediating a second signal within a amount time sick having said predictoralized slot finalized.

monomiating and exceed eignal han each first set of accumulated packet samples associated with the packet;

1

Art Unit: 2600

measuring the right quality of sold first eight and suff exceed algorit to form a section \cdot algority matrix; and

sending a second feedback signal based on said second eightly quality metric.

- 10. (Original) The method of claim 9 wherein the sloped time between the end of said first time alor and the beginning of said second time alor has a prodesormined duration equal to a multiple of said prodesormined slot duration.
- II. Originally The method of claim 10 wherein the multiple is two.
- 13. (Original) The method of claim 10 wherein the multiple is times.
- (3. (Cirtylinal) The method of claim 10 wherein the analityle is four.
- (4. (Proviously Possented) A method for receiving a first packet from a source material mode comprising the steps of:

generating a data rate control eignal based on the eignal quality of a received eignal transmitted by a source-network ander:

अस्तर्वाम् वर्धार्य वंत्राव नाककाराचेच्यं व्याप्ताचे कि कि कायक गर्वास्थ्यां करोड्

mentating a first signal having a data cate based on suit data rate correct eignal from the annue subsects mode;

measuring the signal quality of said first algoral to form a first signal quality interis, comprising measuring the center-to-interisemen (CAI) radio of the received signal; and security a first Madhack signal based on said first signal quality contrib.

- 15. (Original) The method of cisim 14 wherein suit data rate control eignal epocities one requested data rate of a predutermined set of data retes, and wherein suid data rate is equal to said one requested data rate.
- 16. Openiculty Presented. A mathed for receiving a first period from a source network node comparing the steps of:

generating a data rate control signal based on the signal quality of a received signal instabilited by a source network back;

tenting test disk rate control algorit to the source paterork node;

Art Unit: 2600

receiving a first signal having a debt rate based on said data rate control eighal from the source network node;

maximing the eight) quality of sold first eight) to form a first eight) quality metch, computing attempting to decorbs the pecitiv from sold first sold accomplaint immules; and southly a first freeheak eight based on sold first sold quality metric.

(7. (Previously Presented) A method for receiving a first punbed from a source asswere made competiting the stage of:

generating a data rate control attend builted on the eligical quality of a received algoral transmitted by a toutes necessity and it;

partition mid data rate control eight to the source tetwork replay

neceiving a first eighal fishing a data rate based on said data rate exected signal from the ecurs only of a node.

measuring the signal quality of said then signal to form a first signal quality metho, computing measuring the material-distribution ratio of one or more received pilot based signals; and

eracting a first fleedback styred based on end first eigned quality metric.

18. (Providually Presented). A method for receiving a first packet from a source network node comprising the steps of:

promitting a data rate pointed alignal based on the alignal quality of a received elignal presentated by a course network pook;

sanding said data rate control signal to the source serveris nodes,

receiving a first elected having a data rais based on each data rais combrol algoral from the source network node;

നാടത്തു the eignal quality of said first eignal to flows a first signal quality matric; sending 4 first Beoflack eignal based on said first signal quality metric, wherein said freeback eignal is a Shoy-No(ebst signal); and

describing the peoples from said first est of accumulated peoples samples.

19. (Previously Presented) A medical for receiving a first packet from a course network node comprising the steps of:

generating a data rate control original based on the stignal quality of a received stignal transmitted by a source network node;

Art Unit: 2600

rending måd deta reta control signal to the scarce network node;

receiving a first signal having a data rate based on taid data rate coming signal from the source nativork make;

material के संक्रम (प्राधीप of कार्य ग्रीतम संक्रम के किया a ग्रीतम संक्रम वृक्षमीए आसंतर

exeding, a first fleethack signal based on end first algost quality matric, wherein said Shedback signal is a Continue Report signal;

secumulating a second signal into said first sat of accumulated packet samples secretained with the punket;

mosparing the signal quality of said second aignal to generate a second signal quality

generaling a decorating prediction matrix based on state first algosit quality metric and sected signal quality metric;

comparing said decoding prediction matrix with a decaded prediction threshold; and acceling a feedback rigner based on sold step of comparing.

20. (Providedly Presented) A method for receiving a first peolod from a source network node comprising the steps of:

generating a data rate control signal based on the signal quality of a received signal presentated by a source network node;

sending and data rate control signal to the source network node;

receiving a first nignal having a data talls based on said data rath control signal from the source network code,

ecoding a that feedmak algosi based on usid first signal quality matric, ecomposing:

covering the symbols of a Surp-Repeat algasi with a first Walsh code to prove a Walsh-covered Surp-Repeat algasi; and

in matrible and Welshoowerd Stop-Report signal consumently with one or more animumal signals covered with a smoond Welsh code, wherein said second Welsh code is officional to said that Welsh code.

 (Previously Presented) A method for receiving a first packet from a source network mode computing the steps of:

generating a data rate control signal based on the signal quality of a received signal transmitted by a scames network shock;

Art Unit: 2600

Ŋ

tending told data rate control algoral to the source network node; excerving a first algoral flaving a data rate based on sold data rate control organi from the source nationals conde;

measuring the aignal quality of suid first eignal to form a first eignal quality mainty; and penting a first fundament should be said first eignal quality mainte, computaing; covering the symbols of a Continue-Kapsat eignal with a first Walth code to generate a Walth-covered Stop-Respect eignal; and

transmissing said Walsh-covered Step-Respect eignal concurrently with one or more additional eignals covered with a second Welsh code, wherein reid second Walsh code is confequent to said first Walsh code.

22. (Original) A method for sending a first data pucket from a course rederesk node to a descination respects and a, the method comprising the riege of:

polytical action also seems and largest from the declination persons nodes.

elementing a number of copies of the first first product to send to the destination network mode based on such data rate control signal;

encoding a first copy of the first data pooket into a first signal;
tending said first eignal to the destination network node;
tending fact, Repost signal from the destination network node; and
tending frower than said number of copies to the destination network node beind on tail's
fitop-Espect signal.

- 23. (Original) The method of claim 23 wherein said stop of reaching the first signal further comprises specialing a presemble toto the first signal indicating that the first signal contains a packet of data addressed to the destination naturals socia.
- 24. (Driginal) The method of claim 22 further comprising the steps of: executing a second copy of the first data packet into a second signal; and exiding said execut signal to the destination network node before odd step of readwing a Step-Repent signal.
- 25. (Original) The method of claim 24 whereby the first signal is tracemized within a first time siot having a predetermined size charsion, and wherein the second rignal is transmitted within a second time slot having said predetermined abordination, an wherein the alapsed time between

Art Unit: 2600

the end of suid first time afor end the beginning of suid second time slot has a jundatermined drowless equal to a multiple of said possistentiand shot detailed.

- 26. (Unights!) The method of claim 15 wherein the multiple is two.
- 27. (Original) The costroid of sixtin 25 wherein the multiple is three.
- 28. (Carighael) The medical of claim 25 wherein the multiple is four.
- 29. (Original) The medical of claim 36 further competiting the steps of: executing a that copy of a second data packet into a third signal; and pending said third signal to the doctribution network node, wherein the third signal is transmitted within a third time slot having said predesermined alor direction, and wherein said that time slot having said predesermined alor direction, and wherein said that time slot is disposed between said that there alor and said exacut time alor.
- 30. (Original) The method of claim 29 wherein the third time dot begins immediately offset the time time and ends, and effects the second time and begins immediately offset the duird time aim ands.
- 31. (Original) The method of claim 33 wherein each data rate control atput specifies one requested data rate of a predetermined set of data rates, wherein each data rate within said predetermined as: of data rates is essectived with a predetermined number of time clots, and wherein said number of option is equal to the predetermined number of data associated with the requested data rate.
- 32. (Original) The weithod of claim 22 wherein said stap of receiving a Stop-Report eignal further comprises the sub-steps of:

discovering the symbols of the Supplicapeal eight) with a first Wilst code; and decovering the symbols of a data eight with a monad Walch code, wherein said second Walch code is orthogonal to said first Walch code, and wherein said data eight) is received from the destination network mode.

 (Criginal) The resided of claim 22 wherein said step of sending said first signal further comprises sending one or more pilot burst signals.

Art Unit: 2600

v

34. (Original) A medical for sonding a data packet from a source astwork node to a destination network node, the method comprising the steps of:

receiving a data rate control of goal from the destination exceeds node;

determining a number of coptes of the data period to send to the destination reswork tode based on said data rate control signal;

exacting a first eignal community a copy of the data packet to the destination network

recolving a Compansa-Repeat signal from the destination network proto; and sending greater (has said number of capies to the destination astwork node based on said Continue-Repeat signal.

- 36. [Uniginal] The method of claim 34 wherein said step of execting the first rigged further comprises stateding a preemble true the first eigent indicating that the first eigent contains a punish of data addressed to the destination schools ands.
- 36. (Original) The method of claim S4 further comprising the stope of: encoding a second copy of the first data peaket into a second eigent; and sending aid second signal to the descination astwarts node before eath step of receiving 6 Continuo-Report eigen!
- 37. (Udginsi) The meshed of civine 36 wherein the first signal is transmitted within a first time sick having a predetermined aint characters, and wherein dat second signal is transmitted within a second time sick favoing and predetermined aint datastion, an wherein the ciapaed time between the end of said first time elect and the beginning of said accord time sick has a predetermined direction case to a multiple of said predetermined alor duration.
- SE. (Original) The method of clubs 37 wherein the smilliple is nec.
- 19. (Original) The method of claim 37 wherein the smaltiple is three.
- 40. (Original) The method of claim 37 wherein the muld place four.
- 41. (Ciriginal) The method of claim 35 forther computating the steps of:

Art Unit: 2600



encoding. I first copy of a special data pushed into a third eignal; and sending setd third eignal to the destination measures made, wherein the third eignal is transmitted within a tilind time slot having end predesentined alor duration, and wherein said third time slot is disposed between said that time slot and end record data slot.

- 42. (Original) The method of claims 41 wherein the dirt time alot begins immediately after the first time alot tends, and wherein the anomal time alot begins immediately after the third time sick ands.
- 43. (Original) The method of claim 34 wherein each class rule control eignal specifies one requested data rate of 8 predotermined set of data rules, wherein each data rate within said predotermined out of data rules is suspeciated with a possible mined number of time slots, and wherein said number of copies is equal to the predotermined number of time slots susceined with a predotermined number of time slots succeined with the requested data rate.
- 44. (Original) The residual of claim 34 wheels said step of receiving a Coothus-Repost eigenlifuther comprises the sub-steps of:

decovering the symbols of the Continue Rapest signal with a first Walth code; and decovering the symbols of a data signal with a second Walth code, wherein said record Walth code is enthogonal to said first Walth code, and wherein said data signal is secolved from the destination network node.

- 45. (Original) The mediad of claim 54 wherein end step of sending end first algost further compeless sending one or more pilled burst eigenin.
- 46. (CanceDed)
- 47. (Priviously Presented) A activoris node apparatus for receiving a first packet from a source cutwork node comparising:
- a demodulator for demodulating a downconverted assupled signal to produce a stream of demodulated samples;
- (its) nonumulation buffer for secumulating a first extent of mid demockshated complex escoclated with the first punkers.

- \mathbf{g} decodes for decoding the contents of said First accumulation buffer to decode the data of the first packet;
- s foodback signal generator for generating a feedback signal sent to the source network works beset on a feedback control signal:
- a control processor for controlling the subsect of the stream of demodulated samples assumulated in said first accumulation buffer and for generating the feedback coopinal signal based on the signal quality of the distractors areas tempted signal;
 - a transmitter for transmitting the feedback eight! to the source network node, and
- a presentia detector for detecting and deceding a postrable received while the street of decedulated samples.
- (Proviously Presented) A metavark mode opportuna for receiving a first packet from a source network node competing;
- e demodulator for demodulating a downconverted sampled signal to produce a straint of demodulated samples.
- a first accumulation buffer for accumulating a first subset of subt demochilated samples associated with the first packet;
- u decoder for decoding the contents of said first accountsisted buffer to decode the data of the first project;
- s fractions: eigent generator for generating, a feedback signal sent to the source notworks node based on a feedback control eigent;
- control processor for convolving the subset of the sussem of demodulated samples
 commutated in said time accountulation farifies and for generating the feedback control signal
 based on the algoral quality of the downconverted sampled signal;
 - a transmitter for presentating the Badback signal to the source network neds; and
- a signal quality processor for generating a received signal quality signal based on the received signal quality of the devences was a signal and providing the received signal quality signal to add control processor.
- 49. (Chightal) The apparatus of olders 42 further exceptaining a data rate control shoother for encoding a data rate control rightsl sent to the scanne network node based on the maximal signal quality rights.

- 50. (Driginal) The apparetus of claim 48 further computing a first Walsh encodes for covering the data rate control eigend with a first Walsh code.
- (Original) This apparatus of claim 50 further comparing a second Walsh encoder for covering the feedback rigner with a second Walsh code that is orthogonal to said that Walch code.
- 13. (Previously Presented) A network node apparatus for monthing a first packet from a source natwork roots comprising:
- chrondulator for democilating a downconvected sampled signal to produce a steam of demodulated samples;
- a first assumptation buffer for accumulating a first subset ϕ' said demodulated samples associated with the first patchet;
- q, decoder for denoting the contents of said first accumulation buffer to decode the data of the first people,
- A feedback eignal generator for generating a feedback eignal each to the course network tooks based on a feedback control signal, returned and feedback eignal generator is configured to generate a Stop-Repeat signal to the source retweek made based on the feedback control signal;
- a control processor for controlling the subset of the atreem of demodulated samples accumulated in raid fittle secumulation buffer and for generating the feedback control signal based on the signal quality of the downconverted sampled signal; and
 - व प्रताक्षणोध्य कि प्रधायमां सिंग हो कि दिल्लीन हो वे ब्रुपानी के कि ब्रुपानन क्यों करने पार्टिन
- O moderally Provented A network node apparatus for receiving a first pushed from a source natural code committee?
- e domodulator for demodulating a downrowverted surplied signal to produce a stream of demodulated samples;
- a first assumulation buffer for accurratisting a first subset of said democraticated samples associated with the first people.
- a decoder for decoding the contents of said first accumulation buffer to decode the data of the first packet.
- a Peathack signal generatur for generating a feedback eighal eant to the source network stock bened on a Reefback control signal;

- a posteri processor for controlling the subset of the stream of demodulated samples economisted in said first accommission builter and for generating the feedback control signal based on the signal quality of the downconverted sampled signal; and
- q insommines for transmilling the feedback rignal to the source methods node, whitesin cold feedback rignal generator is configured to generate a Continue-Report signal to the source national mode based on a control signal from said control processor.
- 54. (Previously Presented) A notwork much apparetus for receiving a first packet from a across network node-computator;
- a demodulater for demodulating a downcoowered sampled signal to produce a circum of demodulated samples.
- o first accumulation buffer for populmulating a first subset of said damedulated samples associated with the first pooker;
- s decoder for decoding the contents of said first economiation buffer to decode the date of the first product
- feedback signal generator for generating a feedback signal sont to the source network node based on a feedback control signal;
- a control processor for controlling the subset of the firsten of decordulated samples accumulated in said that accumulated buffer and for generating the feedback control signal based on the signal quality of the downconverted sampled eights, wherein said control processor is configured to generate the feedback control signal based on the signal quality of one or more pilet huntrelighble received concurrently with the first subset of said demodulated samples; and
 - a transmitted for incremitting the feedback eight to the source network rode.
- 17. (Provincely Presented) A network mode appearance for receiving a tirst parties from a manner naturals accomprising:
- n demodulator for demodulating a downconverted sampled signal to produce a stream of demodulated samples;
- q first assumption buffer for accumulating a first subset of said demodulated samples associated with the first panket;
- a decoder for decoding the contenue of taid first accomplished buffer to decode the data of
- a Readback signal generator for spinionising a feedback ofignal ment to the mounts nativery node beard on a Readback control signal;

Art Unit: 2600



s control processor for controlling the subset of the stream of demodulated Rampias sommutated in said first commutation buffer and for generating the freedom's control signal based on the signal quality of the downton-wated sampled signal, wherein said country processes: to configured to generate the freedom's control signal based on the successful decoding of the first pooles in said decoder; and

a transmitter for irresemitting the leadback algorit to the course meteoric needs.

- 56. (Proviously Presented) A extends node apparatus for reaching a first podust from a source retwork node comprising:
- a demockulatur for demockularing a down-convexted stampled eignal to produce a stream of demockulated samples.
- a first accommutation furface for accommutating a first subject of said desmodulated accompless successive with the first peaker;
- a decoder for decoding the contents of exist time accumulation buffer to decode the data of the first purise;
- a freedness eignal generator for generating a freednesk eignal test to the source neck-task and a seednesk control eignal;
- control processor for controlling the subject of the steam of democratisted complex accumulated in seta first accumulation buffer and for generating the feedback control signal based on the signal quality of the downconvected sumpled signal;
 - a transmitter for transmitting the feedback algoel to the errors network node; and
- a second accumulation builts, for accumulating a second subset of said denoted states assemble assembl

57. (Caronlisc)

- Orientated Presented) A network node apparatus for sonthing a first data packet to a destination network mode competing;
- a data quesse for storing a plurality of data peciests undressed to a plurality of network - nodes, wherein the desireation network needs is seen of the plurality of network needs;
- a dismodulation for decording class rate countred signals and Resolvack eignals received from the descination network books,

- e scheduler for existing a number of time slow for sensing the first data packet, wherein the sumber of time slow to based as a data rate;
- a pentirel processor for subsecting the data rate based on the data rate control eigens and for changing the number of time gious based on the feedback eignals; and
- a modulator for modulating the data from the first panket and protesting a prosmitic late the data of the first packet.
- Sp. (Previously Pressured) A deliwork node apparatus for sending a first data packet to a destination natural mode compositing:
- g data quase for staring a plurality of data purious states and so a plurality of natwork modes, wherein the destination natwork node is one of the plurality of network nodes;
- a demochilator for denoting data rate control signals and feedback signals received from the destination network node;
- a scheduler for solvering a number of time state for sodding the first data poolest, wherein the number of time state is based on a data rate; and
- a control processor for relecting the data rate based on the data rate control algorite and for changing the number of time start based on the freebank algorite, wheelth said control processor is nonfigured to decitable the number of time slave used to transmit the first packet based on the decoding of a Stop-Repeat algorit in said decorate from.
- 60. (Provinces) Presented) A natwork node syperator for sorating a first data packet to a destination network node contenting;
- g data queue for storing a plantify of data pushess addressed to a plurality of research. Redder, wherein the destination network sooks to one of the plurality of research nucles;
- s demodulator for choosing data rate emiral signals and feedback signals received from the designation network roots;
- a scheduler for selecting a number of time slots for sending the first data peolest, whichin the number of time slots is based on a data rais; and
- a control processor for estancing the data rate based on the data rate open on one of signals and for chartering the stumber of time sints based on the footback signals, wherein said control processor is configured to increase the number of time slots used to transmit the first packet based on the decoding of a Continue-Report signal to said demandulation.

Art Unit: 2600

- (Previously Presented) A network and: upgratus for studing a first data packet to a destination natwork code computator;
- s data queen for moving a planeity of data packets addressed to a planeity of network and a, wherein the desimation converts node is one of the planeity of network nodes;
- a demodulator for decoding data rate control atguids and fleedback signals exceived from the destination network node, wherein sold decondulator comprises a first Walsh despreader for theoresing the data rate control atguids using a tina Walsh codes.
- a schedular for selecting a number of time elect for studing the first data punket, whether the number of time citie is based on a data rate; and
- e control processor for exiscing, the diste rate based on the data rate control algorite and for Chalging the number of time alone based on the fradback algorite.
- 63. (Previously Presented) The epiteratus of cisim 61 wherein each demodshirt further comprises a second Wells despreader for decreasing the feedback signals using a second Wellsh code, wherein sold first Walsh code is orthogonal to said second Walsh code.
- 63. (Cancelled)
- 64. (Cancelled)
- 65. (New) A method in a wireless communication device, compditing:

receiving positions of a cardial-stort pecket at a first data rate, each position mondwed during a sequents thus slot, the multi-slot packet having a maximum number of time clots for transmission, the maximum number of time clots for transmission allocating alots for retransmission of the multi-slot packet.

ecountrising the received pertions of the multi-slot packet; strengting to decode the accumulated partions of the of the multi-slot packet; if the closure is excessful, sending a Stop-Repeat message.

66. (New) The method as in claim 65, further ecosycholog:

If the docade is not exposedul, comparing the number of received partients to a casa immunicumber of time sicks the transmission;

Art Unit: 2600

if the number of received porthers is equal to a maximum number of time above for transmission, sending a Continuo-Report pressage.

- 67. (New) The method as in claim 66, wherein the mentionen number of three slots for transmission is based on the first data cate.
- 69. (New) A method in a wireless network device, comprising:

silopeting a movimum number of type slots for transmission of a small-slot practes; transmissing portions of the multi-slot packet at a first data rate, each portion transmissed during a separate time slot;

receiving a Stop-Report reassage prior to expiration of the maximum number of time slots for innuminates of the maint-ries pushes; and

paymingting presentation of the coulti-slot parket.

69. (New) The method on in claim 68, further comprisings

efter expiration of the meximum number of transmission of the muld-slot proket, receiving a Cominue-Repeat message; and

transmitting a next postion of the amilibelet peoles in a time old

- 70. (New) The method as in claim 63, wherein the mentionin number of time slots for transmission is based on the first data rate.
- 71. (New) A wireless communication device, comprising:

means for receiving performs of a multi-stot packet at a first data rate, each portion received thring a separate time stot, the could-stot product having a measurem received of the properties of the measurem number of time about for transmission allocating stots for retransmission of the multi-stot on-that.

means for accumulating the measured paradons of the multi-slot packet;
means for strampting to decode the accumulated packets of the of the multi-slot packet;
means for souding a Stop-Report meanspail the choose is accessful.

Art Unit: 2600

12. (Yest) A wireless network device, comprising:

means for allocating a consultant resulter of time since for transmission of a multi-sint nacket:

means for transmitting portions of the rothir-slot gradue at a first data rate, as a portion transmitted change accepts to the slot;

traces for receding a Stop-Regest increase prior to expiration of the maximum number of time state for iron unlesson of the matical protest, and

copyright transmission of the maki-skit packet.

73. (New) A wireless apparatus, comprising:

receives edupted to receive performent a make along pushed at a first date rate, each portion received during a separate time sint, the multi-along pushes having a maximum examine of time along the transmission, the maximum number of times along for transmission allocating slots for externations of the multi-along stabil;

accumulation buffer adapted to accommisse the received partions of the multi-slot packet; decoder adapted to attempt to decode the accumulated partions of the of the multi-slot partiet;

transmitter adopted to send a Stop-Repair reserves if the decode is successful.

- 74. (New) The appendix of claim 73, wherein the transmister if Europe didented to early a Continue-Report message of the decade is not successful.
- 75. (New) The apparatus of claim 79, wherein the resultanum auction of time slots is based on the data rate.
- 76. (Now) The apparatus of claim 75, wherein the intermitter is further adapted to instantia a data can control matters requesting a data rate for irangenisation to the appearatus.
- 77. (Nan) A wireless network deutes, computeing:

controller adapted to allocate a maximum number of time flots for transmission of a multi-state packet;

transmitter adapted to transmit perilons of the multi-slot packet at a first data rate, each pecken transmitted doubs a sequence time slot;

receiver excepted to receive a Brop-Repent message prior to expiration of the missimum number of time show for transmission of the smalls also pecket; and

wherein the controller is further adapted to terminate immendation of the multi-riot paties in response to the Stop-Report measure.